Ab. 1.908 ez

CANADIANA OCT 22 1990

ALBERTA BIRD ATLAS NEWSLETTER

A Project of the Federation of Alberta Naturalists

Vol. 1, No. 2 | Editor: H. Loney Dickson | Executive Director: Jack Clements | Fall, 1987

PATRON FOR THE ALBERTA BIRD ATLAS PROJECT

The Honourable Dr. J. W. Grant MacEwan, Patron of the Federation of Alberta Naturalists, has kindly consented to also become Patron of the Alberta Bird Atlas Project. This is indeed an honour as Grant MacEwan is a widely known, distinguished and respected Albertan.

Born in Brandon, his early training was in agriculture and he soon became known for his numerous books and articles on agricultural practice, and later for his books and articles on the history of the land and peoples of the prairie provinces. He is also well known in political circles, having been the leader of the Liberal Party of Alberta, the MLA for Calgary, and the Mayor of that City. In 1965 he was appointed Lieutenant Governor of Alberta in which office he served until 1974. All through these various careers his love of wildlife has remained constant and is probably best expressed in the title of his book of conservation ethics; *"Entrusted To My Care"*.

The Alberta Bird Atlas Project is indeed honoured by having such a distinguished Albertan as its Patron and this expression of his continued interest in all aspects of the study and knowledge about our heritage is much appreciated. ❑

WOW! IT WAS A GREAT FIELD SEASON

Congratulations to all Regional Coordinators and to all Atlassers for a terrific kick-off of the first field season of the Project. The Regional Coordinators have done a splendid job of organizing Atlassers and getting the field program started.

The success to date is a true reflection of the hard work and commitment of all.

Here is a list of the number of Atlassers and assigned squares. The list was compiled on July 20, 1987, and does not include the number of casual observers and helpers.

Region		Number of Atlassers	Number of Assigned Squares
1.	Lethbridge	10	10
2.	Medicine Hat	10	10
3.	Calgary	36	22
4.	Sylvan Lake-Stettler	33	27
5.	Vermilion-Wainwright	19	10
6.	Jasper-Edson	13	19
7.	Edmonton	70	48
8.	St. Paul-Lac La Biche	19	18
9.	Grande Prairie-Peace River	20	12
10.	Ft. McMurray	9	9
	Totals	**239**	**185**

Congratulations! ❑

IMPORTANT NOTICE

MAILING LIST UPDATE

Volume 1, Issues 1 and 2 of *The Alberta Bird Atlas (ABA) Newsletter* was sent out to 2,000 individuals and agencies. Unfortunately, the cost of producing and mailing the Newsletter and other Bird Atlas material makes it mandatory that we reduce our mailing cost considerably. Thus, **to remain on the mailing list**, please cut out and fill in the form on the last page of this newsletter and mail it to:

Jack Clements, Executive Director
ABA Project
Provincial Museum of Alberta
12845 - 102 Avenue
Edmonton, Alberta T5N 0M6

All who have already confirmed by letter or telephone plus all Atlassers will automatically remain on the list, but you may want to send in the renewal as a double cover for the system.

Feel free to phone in your renewal to Jack Clements at 403-427-1730.

Renewal must be received by December 31, 1987. ❑

SHOUT
SHARE
IT

PROJECT UPDATE

A GREAT EFFORT WAS PUT INTO THE preparations for the first field season. The materials necessary for the field programs were completed and distributed. These included the manual for Regional Coordinators, handbook for Atlassers, field record cards, I.D.cards for Atlassers and their vehicles, casual record forms and approval to enter private property forms.

A workshop was organized in the spring to train Regional Coordinators and to provide a common understanding of the Project and the Project materials. Some re-drafting of the manual and the handbook was necessary after the close scrutiny by the Coordinators. Thanks to the commitment and work by the Coordinators, atlassing was started up successfully.

Public support was enthusiastic in response to province-wide coverage of the Project by television and radio stations. The Honourable Dr. J. W. Grant MacEwan accepted the role of Patron of the Project and prepared a message for the fund-raising and volunteer brochure.

A strategy and management framework was developed to provide the basis for managing the Project to completion and a budget was prepared in detail to meet year-by-year direct expenses.

A team of volunteers has been busy making preparations for a fund-raising campaign to meet the direct expenses. Kick-off rallies are being planned for Calgary and Edmonton in the fall. The Technical Committee has been busy with technical details of the Project, and a Rare Bird Committee and an Atlas Format Committee are in the process of being formed. ❑

BIRD WATCHERS ABDUCTED BY UFO

DO YOU HAVE ANY ANECDOTES OR stories suitable for the newsletter, or local weeklies? We are always glad to hear about interesting bird-watching adventures or escapades.

Send material to "The Editor" at the return address on the back of the Newsletter. ❑

TECHNICAL COMMITTEE REPORT

IN THIS FIRST YEAR OF THE ABA Project, the Technical Committee was composed of members from Alberta Fish and Wildlife Division (2), Canadian Wildlife Service, Provincial Museum of Alberta and Alberta Ornithological Records Committee. Initially, the Committee addressed questions of overall project design and data collection. Maps of Alberta were produced with the Universal Transverse Mercator system displayed, field forms were generated and the Atlasser handbook produced. Our second task was to determine the best computer system for data storage, report generation and atlas production. A thorough review of available options was prepared by Nash Marani of Alberta Fish and Wildlife Division and will be presented to the Management Committee this fall. ❑

W. Bruce McGillivray, Chairman
Technical Committee

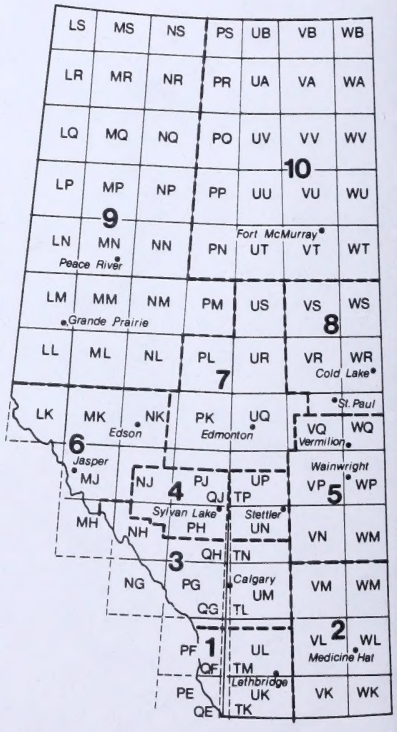
LOOKING AHEAD

WHAT CAN YOU EXPECT IN THE months ahead and before the next breeding season gets under way.

- Atlassers will receive a computer summary of the status of breeding bird evidence on their square and the other squares in their region. These summaries will be available after the computer system is completed, the field record cards have been submitted, and the data key punched and verified. When, you ask? Probably by late winter!
- Regional Coordinators and committee chairmen will meet to review progress, work on solutions to any problem areas, and to plan ahead.
- Atlassers will meet during a series of regional half-day workshops to review progress and priorities in the next breeding season and to receive recognition for their efforts.
- An Atlas Day will be planned and organized for a day in late June or early July.
- A start will be made on the Remote Areas Program. It will take at least half a year to plan and longer to organize the program. We will be seeking the support and participation of canoe clubs, hiking clubs, airplane clubs, wilderness clubs and, of course, bird clubs. Lots more on this later. ❑

REGIONAL COORDINATORS

IT IS WITH GREAT PLEASURE THAT THE Alberta Bird Atlas Project welcomes the people who have volunteered their time, energy and skills to serve as Regional Coordinators (R/C's). Each R/C brings valuable experience with a knowledge of the birds, habitats, and peculiarities of their region to the position. This working knowledge of the area is indispensable in determining priority squares and assisting Atlassers with their observations. The Figure below illustrates the location of each of the 10 regions throughout the province.



Regions of the Alberta Bird Atlas Project.

The position of Regional Coordinator is an exciting responsibility. A Regional Coordinator is responsible for organizing and implementing the collection of field data in their atlas region. R/C's must recruit and coordinate volunteer Atlassers and supply volunteers with project materials, as well as designate priority squares and assign squares to Atlassers. These individuals serve as a vital liaison between Atlassers and the Project office. R/C's are also a key factor in data quality control and data flow.

The following is a list of the individuals who volunteered to be Regional Coordinators and the region they are responsible for. If you are interested in becoming involved in the project, please contact the R/C in your area at the phone number and address listed.

1. Lethbridge Region
Bill Sharp
Biology Department
University of Lethbridge
Lethbridge, Alberta
T1K 3M4
Phone: 329-2321

Mike Vandyk
540-20 Street S
Lethbridge, Alberta
T1J 3H8
Phone: 328-1238

2. Medicine Hat Region
Rob Gardner
548-11 Street SE
Medicine Hat, Alberta
T1A 1T3
Phone: 529-6225

3. Calgary Region
Rob Storms
Apt. 905, 815-14th Avenue SW
Calgary, Alberta
T2R 0N5
Phone: 228-4154

4. Sylvan Lake-Stettler Region
Myrna Pearman
Box 127
Sylvan Lake, Alberta
T0M 1Z0
Phone: 346-2211

Lloyd Lohr
Box 1414
Stettler, Alberta
T0C 2L0
Phone: 742-2944 or 742-3846

5. Vermilion-Wainwright Region
Nancy Twynam
Box 1889
Vermilion, Alberta
T0B 4M0
Phone: 853-5845

6. Jasper-Edson Region
Kevin Van Tighen
Box 2537
Jasper, Alberta
T0E 1E0
Phone: 852-5153

7. Edmonton Region
Terry Thormin
306, 10630 - 122 Street
Edmonton, Alberta
T5N 1M8
Phone: 482-1389

8. St. Paul-Cold Lake Region
Richard Klauke
Box 1142
St. Paul, Alberta
T0A 3A0
Phone: 645-5447

9. Grande Prairie-Peace River Region
Peter Kennedy
#105, 8502 - 112 Street
Grande Prairie, Alberta
T8V 5X4
Phone: 532-0227

10. Fort McMurray Region
Brad Arner
241 Gladstone Bay
Ft. McMurray, Alberta
T9K 1S3
Phone: 791-1696

The dedication and commitment exhibited by these individuals is greatly appreciated. The project could not be a success without their support, dedication, and hard work. Many thanks! ❑

ARTISTS WANTED

WE WOULD LIKE TO SEE THE Newsletter brightened up with some interesting ink sketches of birds. So, if you are an undiscovered talent, here is your chance to have your work seen by fellow birders and achieve fame, if not fortune.

If you are interested and want to know what artwork is required, or whether your existing sketches would be useful, please contact Loney Dickson (Editor) at 403-420-2525 in Edmonton, or by writing him at the return address listed on the back of the Newsletter. All sketches used in the Newsletter will be fully credited and the originals will be returned. ❑

REGIONAL NEWS

1. Lethbridge Region

The Lethbridge Region has gotten off to a good start with coordinators Bill Sharp and Mike Vandyk. As of the end of July there were a total of 10 atlassers who had been assigned to do 10 different squares – two of which are already completed! With the onset of fall, and winter only a step away, Bill and Mike are already gearing up for next season and already have promises for additional help. This year's most interesting record was the peregrine falcon, which was sighted west of Pincher Creek.

2. Medicine Hat Region

Rob Gardner reports that although the Medicine Hat Region had a late start, they now have 10 Atlassers covering 10 different squares. The region is an extremely large one in comparison to its population base, so any additional help is encouraged.

In the spring (April) of 1988, the Medicine Hat Region will be putting on a workshop on the identification of prairie birds. They are encouraging people from Calgary and other regions to attend. If you're interested give Rob a call (529-6225) well in advance.

There have been a number of interesting reports from the region with both black-headed and rose-breasted grosbeaks seen singing on territory. An eastern bluebird was sighted in Cypress Hills Provincial Park and a red-headed woodpecker was observed in Medicine Hat.

3. Calgary Region

Calgary Regional Coordinator (R/C), Bob Storms, held an Atlasser Workshop on June 3 of this year. Response to the Atlas has been superb with 36 individuals volunteering to atlas 22 squares! It is no wonder response is high, not only does the Calgary Region have a good share of the population, but it also covers a great number of habitat types ranging from short grass prairie to alpine – a very exciting and diverse region to atlas in! Plans for 1988/89 are already underway, with a workshop being organized for Christmas time.

4. Stettler-Sylvan Lake Region

When the Bird Atlas Project was first announced, and Lloyd Lohr and Myrna Pearman agreed to co-ordinate the Red Deer Region, we were quite disappointed with the local response to our call for volunteers. Today they are happy to say that the region can boast of having 35 Atlassers covering 27 squares.

The region had a rather informal Atlassers meeting with the 8 original volunteers following the May species count. Contact with the Atlassers since that time has been via telephone and mail. An end-of-the-season wind-up is hoped for in late August. The most interesting report to date is the northern mockingbird (unconfirmed) reported north of Sylvan Lake.

Myrna Pearman reported that "Ours is a motley crew, consisting of both rank amateurs and very competent birders. This region of Alberta has always suffered from a dearth of 'hot' birders, so we cannot all claim to be experts – yet. There are a surprising number of aspiring bird watchers among us, however, so I am confident that, with the impetus of this project, the next four years will see a dramatic increase in participation by increasingly competent Atlassers."

As is the case for the other regions, many of this region's Atlassers are most interested in surveying squares that contain their own property. Next year some efforts will be made to convince them to take on squares a little further afield. One challenge that this region faces is to find Atlassers willing to accept squares in the wilderness areas that comprise the most westerly section of our region. This region will no doubt be appealing to other regions for assistance to complete this task.

Though it has been a lot more work and has taken a lot more time than originally anticipated, the R/C's are enjoying the challenge that this project offers and look forward to the next four exciting years.

5. Vermilion/Wainwright Region

Nancy Twynam (R/C) started off the first field season of the Atlas with an Atlasser Workshop in mid-June. The response on the part of the nine people attending was very enthusiastic. At the end of July, there were 19 Atlassers and 10 squares assigned in this region. Special thanks go out to Anne Range for her support and help in organizing Atlassers in the Wainwright area. Next year's field season should be particularly exciting as squares will be assigned in the David Lake Natural Reserve near Wainwright. This reserve is rich in bird life and contains good shorebird habitat.

From the incoming 1987 results, Nancy reports that a turkey vulture nest, containing two young, was found in August on the Battle River. Other birds of note found nesting were: great horned owl, lesser yellowlegs, ruby-throated hummingbird, ferruginous hawk (with young in the Hanna area), and burrowing owls (2 squares). Other birds that were observed included a Tennessee warbler, western tanager, and a golden eagle.

Of special interest was the observation of a tundra swan on Kenilworth Lake which was wearing a black neck collar. According to Tom Barry of the Canadian Wildlife Service, this bird was undoubtedly banded in Maryland, USA and its sighting confirms the known flyway through the prairies.

6. Jasper-Edson Region

Kevin Van Tighen (R/C) reports that there was an Atlassers workshop held in early June for the Jasper-Edson Region. Despite the late start, 12 people are atlassing a total of 15 squares, mainly in Jasper National Park and north of Hinton.

A number of interesting birds have been reported, including: a mourning warbler in the Cadomin area; a swamp sparrow at Brule; bald eagle nests reported in two squares; and a pair of prairie falcons in Maccarib Pass.

Plans for next season are already underway with a birding and identification course being planned for the late winter.

7. Edmonton Region

Terry Thormin (R/C) reports that a workshop to start off this year's program was attended by approximately 35 people. Today the region is sporting 70 to 80 Atlassers who are covering 48 squares. A rather impressive start to the project.

Although a lot of records have not been sent in yet, there were a few interesting records reported. A yellow-billed cuckoo was sighted near Elk Island National Park, and a great egret was reported at Beaverhill Lake. A great-crested flycatcher was also reported from the region.

Another workshop is already tentatively planned for Edmonton in March and another is planned for Athabasca.

8. St. Paul-Cold Lake Region

Richard Klauke (R/C) reports that four people in his region have sent in data for 13 different squares. They may not have a lot of people but they are certainly keeping up with other regions in terms of coverage. The group has also turned up great-crested flycatchers in two squares and a western kingbird, feeding young, west of St. Paul.

9. Peace River/Grande Prairie Region

Gord Holton, who originally assumed the role of R/C is moving and had to give up his position. We are sorry to see him go, however, we are happy to welcome Peter Kennedy as the new R/C. Peter has done a terrific job in a short period of time. As of the end of July, he had recruited 15-25 Atlassers and assigned 10-15 squares! This region provides some exciting birding with trumpeter swans being only one of the many interesting species breeding in the region. An exciting development in this region was the four unconfirmed sightings of scarlet tanagers! Two were seen at Peace River and possibly a pair nested west of Grande Prairie. Plans are already made to confirm these records next spring. Young McGillivarys warblers were observed in early July and a pair of bald eagles were nesting west of Grande Prairie.

10. Fort McMurray Region

Brad Arner (R/C) reports that informal meetings were held with various people which resulted in a total of 15 Atlassers working on 15 different squares.

One pair of cinnamon teal were seen north of Fort McMurray and a lone trumpeter swan was also seen in the region. ❑

RARE BIRD HOT LINES

YOU CAN HARDLY BELIEVE YOUR EYES and ears, but there it is...a parasitic jaeger; a rare bird in these parts! Flushed with excitement you are ready to tell the world of your important discovery – but who to tell? The following is a list of numbers that function as rare bird hot lines. Calling the number in your area will ensure that your sighting is recorded. By reporting your sighting you provide a service to others who may be on the look-out for rare birds or are interested in the rare birds of your area. The numbers to call are:

Wildlife Information Line
City of Calgary
(403) 237-8821

John Janzen Nature Centre
Edmonton
(403) 434-7446

Kerry Wood Nature Centre
Red Deer
(403) 346-2010

Beaverhill Lake Nature Centre
Tofield
(403) 662-3191

Bud-Miller All Seasons Recreation Park
Lloydminster
(403) 875-4497

Police Point Interpretive Centre
Medicine Hat
(403) 529-8300

Helen Schuler Coulee Centre
Lethbridge
(403) 320-3064

Please remember that any rare birds that are sighted when atlassing for the Alberta Bird Atlas must be recorded on a Rare Bird Form and the appropriate procedure, as outlined in the Atlasser Handbook, followed. The above phone numbers are additional to, and separate from the Alberta Bird Atlas rare bird sighting procedures. ❑

PURPLE MARTIN COLONY REGISTRY

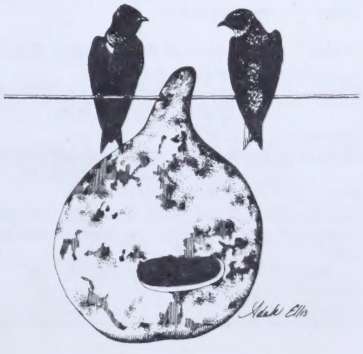
THE PURPLE MARTIN IS A BIRD WHICH has been managed by man longer than any other North American bird species. Even before European man colonized the New World, native American Indians were enticing these companionable birds to nest in their villages by attaching hollowed-out gourd *"nest boxes"* to the support poles of their wigwams. Modern man has continued this gourd-using tradition to attract martins, but he also has taken to using elaborate wooden, plastic, or aluminum multi-compartmented bird condos *(i.e. "martin houses")* ,which he mounts on poles and proudly displays on his lawns.

Today however, this man-dependant species is declining within parts of its breeding range. In an attempt to remedy the situation, the *Purple Martin Conservation Association* has been formed to help coordinate the management efforts of North America's martin landlords. Through its *Colony Registry Program* it is attempting to locate and register most of the martin colonies in North America in preparation for several worthwhile projects, including a continent-wide nest-record card scheme.

Your help is needed

If you know of someone who has a martin colony or is trying to attract one, or if you are interested in starting a colony yourself, please write to the P.M.C.A. You can further assist by looking for martin houses or gourds in peoples' yards in your travels. If you locate some, please try to obtain the mailing addresses from either the street and house numbers, rural mailboxes, phone books, or by stopping to inquire. Please send addresses to:

Purple Martin Conservation Association, Institute for Research & Community Services, Edinboro, University of Pennsylvania, Edinboro, PA 16444. ❑



REGIONAL COORDINATORS' WORKSHOP

ON MAY 23, 1987, THE FIRST ANNUAL Regional Coordinators' Workshop was held at the Provincial Museum of Alberta, Edmonton, Alberta. The objectives of this workshop were to familiarize the Regional Coordinators (R/C's) with their responsibilities, Atlas materials, and to develop a spirit of cooperation and support among Regional Coordinators and Administration.

Geoff Holroyd of the Canadian Wildlife Service and members of the Management Committee opened the event with a few words of welcome. An overview of the workshop and of atlassing in general was provided by Jack Clements, Executive Director of the Project. The primary focus of the workshop was on the field program and the project support and organization. The field program aspect of the workshop included such topics as the Atlasser Handbook – presented by Bruce McGillivray, Curator of Ornithology of the Provincial Museum and Chairman of the Technical Committee; the Regional Coordinators' Manual – presented by Terry Thormin, an Invertebrate Zoology Technician at the Provincial Museum and Regional Coordinator for the Edmonton Region; and the Rare Bird Committee – presented by Jack Clements, Executive Director of the Project.

The project organization and support aspect of the workshop allowed R/C's to become acquainted with project materials and to get an overall feel for the Project. The basic administrative infrastructure of the Project was reviewed, as were the plans and programs for fund raising, volunteer recruitment, remote area planning, recognition and awards, and annual workshops, to name a few. Nine of the twelve regional coordinators were able to attend and a lively discussion of many aspects of the Project occurred. ❑

Jan Hagen

BREEDING BIRD ATLAS CONFERENCE

JACK CLEMENTS ATTENDED THE FIRST North American Breeding Bird Atlas Conference in San Francisco, August 9-10, 1987. Jack has this report:

About 100 people from the United States of America, Canada and England attended the conference. There are 41 breeding bird atlas projects in the USA and 6 projects in Canada in progress. More projects in both countries are in various stages of consideration or planning. Speakers were from Canada, the United States of America and England. Topics included managing an atlas project, managing computer systems, data collection, remote area surveys, uses of the data. Workshops included: Breeding Codes; Survey Methods; Uses of Atlas Data; and Micro-computers.

A proposal was made at the conference to refine some of the breeding codes. More on this when the proposal becomes available. The proceedings of the conference will be printed and made available at cost by the Cornell Laboratory of Ornithology. ❑

ATLASSERS NEEDED!

TWO BROCHURES AND A POSTER ARE currently being made to advertise the project to fellow nature enthusiasts. With these materials we hope to attract fellow and new birders to the project and promote the project to the general public. However, personal contacts will remain very important. We will continue to rely on you too, the committed Atlasser, to attract new people to the project. ❑

BIRD COURSES

FOR THOSE INDIVIDUALS WHO WOULD like to learn more about our fine-feathered friends, there are a number of bird courses being offered throughout the province. Course material ranges from bird identification to bird ecology and biology. There are numerous courses that cater to the novice birder and a like number that convey the opportunity for experienced birders to get out in the field. Don't forget to keep abreast of the activities of your local naturalist clubs and nature centres as these agencies often offer bird walks, field trips, and other birding activities throughout the year. Be sure to take along a field record form when you participate in these events.

The following is a list of courses that have been or will be given this year in the Province. Although most of the courses are over for this year, many (if not all) will be repeated next year. Phone numbers are included so that you may phone for more information about registration dates, fees,etc. for the new season.

If you know of any others, please contact Jack Clements (427-1730) at the Provincial Museum of Alberta, Edmonton, Alberta. Thanks for your help!

Regional Courses Offered

Region 1 Lethbridge

Title: **Birds**
Instructor: Dr. J. Butler
Contact: Chantal (403) 859-2624
Agency: Heritage Education Program Waterton Natural History Assoc.
Date: July 4, 1987 — Includes evening presentation the night before
Fee: $30.00
Description: The course covers the ecology and identification, both visually and orally, of birds in the Waterton area.

Region 3 Calgary

Title: **Explore Calgary's Natural History**
Contact: Fort Calgary, The City of Calgary (403) 268-5217 or 268-4718
Agency: Fort Calgary and Natural History Services Parks/Recreation Dept.
Date: Lectures: Thursdays in June
Field Trips: Thursdays in July
Fee: $33.00
Description: An introductory course covering Birdwatching, Plant Identification, History, Archaeology, Geomorphology and Geology in Calgary's Natural Areas.

Title: **Birds of the Calgary Area**
Instructor: Peter Sherrington
Contact: Faculty of Continuing Education, U of C (403) 220-4100
Agency: U of C
Date: 6 Friday evenings and 4 Saturday field trips in April or May
Fee: $45.00
Description: Visual and oral identification of birds with special reference to birds of the Calgary area.

Title: **Birds of Rocky View**
Instructor: Peter Sherrington
Contact: Margaret Westbrook, (403) 220-3254
Agency: Cochrane Further Education Council
Date: April, 1987

Title: **Z-583-Advanced Ornithology**
Contact: Faculty of Science, 220-6769
Agency: University of Calgary
Fee: Please refer to the U of C calendar for information regarding fees, admission requirements and procedures.
Description: A seminar and reading course for those already familiar with the taxonomy and field identification of birds and with the principles of population and community ecology of animals. Offered only in even-odd dated academic years.

Title:(s) **June Birdwatching Course**
Fall Migratory Birds
Late Fall Migratory Birds
Bird Identification for Beginners
Birding Field Trips
Spring Migratory Birds
May Birdwatching
Contact: Harold Pinel, (403) 269-6688
Agency: Inglewood Bird Sanctuary
Date: Various times throughout the year
Fee: Costs vary from free to a maximum of $75 (most courses are $33 [1987 prices])
Description: These courses are given, as many of the titles indicate, at various times throughout the year in the Calgary area. Levels of expertise required by participants varies from no experience for the "Bird Identification for Beginners" course to moderate experience for the "Late Fall Migratory Birds" course.

Region 4 Sylvan Lake-Stettler

Title: **Workshop on Cavity Nesting Birds**
Instructor: Peter Sherrington
Contact: Myrna Pearman, Kerry Wood Nature Centre, (403) 346-2010
Agency: Kerry Wood Nature Centre
Date: March 1987

Region 5 Vermilion-Wainwright

Title: **Nature Connections**
Instructor: Dave Twynam and Stuart Heard
Contact: Nita Jorgensen, 853-8481
Agency: Lakeland Community College
Date: July 13-17 (9:00 a.m.-4:30 p.m.)
Fee: $85.00
Description: Participants will obtain Level I canoeing, as well as commune with nature through birdwatching, plant identification, rock and climate studies.

Title: **Z-0290-Ornithology**
Contact: The Registrar, Lakeland Community College, 853-8420
Agency: Lakeland Community College
Date: Please refer to the L.C.C. calendar for information regarding dates, fees and admission requirements and procedures.
Fee: see above
Description: A basic course in bird biology, including material on bird anatomy, classification, distribution, reproduction, and behavior. Emphasis placed on birds found in Alberta, particularly waterfowl, upland game and raptors.

Region 6 Jasper-Edson

Title: **Alpine Bird Society**
Contact: Blue Lake Centre, (403) 865-4741
Agency: Blue Lake Centre
Date: June or August
Fee: $60.00
Description: This two day course will acquaint the novice with the importance of habitat by examining the variety of birds and plants in the Alpine Meadow Habitat.

Title: **Bird Courses**
Contact: Kevin Van Tighen, 403-852-5153
Agency: Blue Lake Centre
Date: Winter 1987/88
Fee: $60.00
Description: Kevin, the Regional Co-ordinator for the Jasper-Edson Region, will be offering various bird courses in the Jasper area.

Region 7 Edmonton

Title: **Rainbow Bird Rambles**
Contact: Sue Fast , 434-7446
Agency: John Janzen Nature Centre
Date: May 31, June 4, June 7
Fee: Adults—$3.00, Teens—$2.00
Description: A bird course geared for novice adults and teens which is held in the evenings.

Title: **Wagner Bog Birding**
Contact: Sue Fast, 434-7446
Agency: John Janzen Nature Centre
Date: June 13
Fee: Adults—$5.00, Teens—$3.00
Description: View birds and plants at the Wagner Natural Area.

Titles: **Introduction to Bird Watching**
Beaverhill Lake Tour
Instructor: Rainer Ebel
Contact: John Janzen Nature Centre, (403) 434-7446
Agency: John Janzen Nature Centre
Date: Spring

Titles: **Bird Watching for Seniors**
Contact: Faculty of Extension, U of A, (403) 432-3033
Agency: U of A
Date: Spring, 1987

Title: **For 365 - Forest Wildlife**
Instructor: Dr. J. R. Butler
Contact: Dr. J. R. Butler, 861 General Sciences Bldg., U of A., Edmonton, Alta., 432-2819 or 432-4413
Agency: U of A
Date: Second Term, Winter Session (Jan-April), Thursday evenings.
Fee: Please refer to the U of A calendar for information regarding fees.
Description: A survey of faunal associations of the Western Canadian forest ecosystem with emphasis on the acquisition of field recognition skills.

Title: **Z-406-Ornithology**
Contact: Faculty of Science, 432-4758
Agency: U of A
Date: First Term, Winter Session (Sept.-Dec.)
Fee: Please refer to the U of A calendar for information regarding fees and admission requirements and procedures.
Description: A basic course in bird biology, including material on bird anatomy, classification, evolution, distribution, reproduction, behavior,and migration.

Title: **Z-301-Natural History of the Vertebrates of Alberta**
Contact: Faculty of Science, 432-4758
Agency: U of A
Date: Second Term, Winter Session (Jan.-April))
Fee: Please refer to the U of A calendar for information regarding fees and admission requirements and procedures.
Description: The identification, distribution, habitats, and life histories of the Fishes, Amphibians, Reptiles, Birds, and Mammals of Alberta

Title: **Z-301-Natural History of Vertebrates of Alberta**
Contact: The Registrar, Camrose Lutheran College, 679-11—
Agency: Camrose Lutheran College
Date: 1st or 2nd Term
Fee: Please refer to the C.L.C. calendar for information concerning fees and admission requirements and procedures.
Description: A basic course in bird biology.

Title: **Z-406-Ornithology**
Contact: The Registrar-Camrose Lutheran College, 679-1100
Agency: Camrose Lutheran College
Date: 1st or 2nd Term
Fee: Please refer to the C.L.C. calendar for information concerning fees and admission requirements and procedures.
Description: A basic course in bird biology.

Region 9 Grande Prairie-Peace River

Title: **Introduction to Bird Watching**
Contact: Glen Rogers, 539-8951
Agency: Muskoseepi Park, Grande Prairie
Date: Early Spring
Fee: $10-$20
Description: Learn how to identify the birds of the Grande Prairie region. Field trips also occur in April and September with this agency as well as various bird courses for Brownies and Guides.

Title: **Waterfowl and Raptors**
Contact: Gord Holton (403) 624-6405
Date: Late April 1987 ❑

ABA MAILING LIST RENEWAL FORM

Please keep my name on the ABA mailing list.

NAME: _____

ADDRESS: _____

_____

PHONE # (OPTIONAL) _____

Mail this form in an envelope addressed to:

Jack Clements, Executive Director
ABA Project
Provincial Museum of Alberta
12845 - 102 Avenue
Edmonton, Alberta
T5N 0M6

Alberta
CULTURE AND MULTICULTURALISM
PROVINCIAL MUSEUM OF ALBERTA
12845 - 102 Avenue
Edmonton, Alberta, Canada
T5N 0M6